

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>RD0108</b>	Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 0108 River Farms</b>	<b>A</b>	<b>20.92</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.02		0.02	0.10%	0.72			
Animal Control	0.07		0.07	0.34%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.05%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.07		0.07	0.34%				
DWR UCIP Field Study					0.08			
<i>LMA Totals:</i>	0.17	0.00	0.17	0.81%	0.80	0.00	0.00	0.00
<b>Unit No. 01 Colusa Basin Drain LB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD0108</b>	<b>A</b>	<b>20.64</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.02		0.02	0.10%	0.71			
Animal Control	0.04		0.04	0.19%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.05%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.07		0.07	0.34%				
DWR UCIP Field Study					0.08			
<i>Unit Totals:</i>	0.14	0.00	0.14	0.68%	0.79	0.00	0.00	0.00
<b>Unit No. 02 Castle Properties RB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD0108</b>	<b>M</b>	<b>0.28</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.01			
Animal Control	0.03		0.03	10.74%				
<i>Unit Totals:</i>	0.03	0.00	0.03	10.74%	0.01	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2015 Levee Inspection Results**

**Reclamation District No. 0108 River Farms**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
**SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**Reclamation District No. 0108 River Farms**

Waterway			Bank	Unit Miles
Unit No. 01 Colusa Basin Drain			Left	20.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/20/2015 - 04/20/2015		09/24/2015 - 09/24/2015	
DWR Inspector	Jai Lor		Jai Lor	
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start		Rating **	A	Issue No.	5		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				o		o
					o		o
DWR ID	DWR_RD0108_01_s _ 2013_5						
Action/Comments							
Inspector Comments: RD 108 has levee manuals.							

No Photos

LM Start		Rating **	A	Issue No.	7		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Emergency Supplies & Equipment				°		°
					°		°
DWR ID	DWR_RD0108_01_s _ 2013_7						
Action/Comments							
Inspector Comments: RD 108 maintains a stockpile of flood response materials.							

No Photos

LM Start		Rating **	A	Issue No.	9	
LM End		Issue Type +	Ma	Location *	N/A	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				o	
					o	
DWR ID	DWR_RD0108_01_s _ 2013_9					
Action/Comments						
Inspector Comments: RD 108 has written response plans and regular flood response training.						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	0.00	Rating **	A	Issue No.	18
LM End	20.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.822571 °	39.033895 °
				-121.796073 °	-121.993253 °
DWR ID	DWR_RD0108_01_f_2015_18				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation on the slope has been cleared.					

Photo 1 of 1 : FA\_2015\_RD0108\_203\_18\_20151001\_00009.jpg



View of the vegetation on the waterward side of the levee looking upstream. Fall 2015.

LM Start	0.00	Rating **	A	Issue No.	17
LM End	20.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.822571 °	39.033889 °
				-121.796074 °	-121.993254 °
DWR ID	DWR_RD0108_01_f_2015_17				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation on the slope have been cleared.					

Photo 1 of 1 : FA\_2015\_RD0108\_203\_17\_20151001\_00010.jpg



View of the vegetation on the landward side of the levee looking upstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	0.06	Rating **	M	Issue No.	280
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.822897 °	38.822897 °
				-121.797000 °	-121.797000 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:37611  
 DS\_ID:22388  
 EP\_NO: 9396  
 FS\_HLM: 0.079  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.  
 FIELD\_STRUCT\_DESC: 4 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959  
 FS Date: 06/10/2014

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>280 (cont)</b>
LM End	<b>0.06</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_6746.jpg



Concrete structure located on waterward side.

Photo 2 of 3 : UCIP\_FA\_2015\_6747.jpg



Concrete structure visible on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	0.06	Rating **	M	Issue No.	280 (cont)
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.822897 °	38.822897 °
				-121.797000 °	-121.797000 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37611					
DS_ID:22388					
EP_NO: 9396					
FS_HLM: 0.079					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6748.jpg



Waterward slope covered by dense vegetation.

LM Start	0.06	Rating **	M	Issue No.	281
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.822897 °	38.822897 °
				-121.797000 °	-121.797000 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37608 DS_ID:17943 EP_NO: 9396 FS_HLM: 0.076 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: 1 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959 FS Date: 06/10/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6600.jpg



View of concrete structure visible on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>281 (cont)</b>
LM End	<b>0.06</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.822897 °	38.822897 °
				-121.797000 °	-121.797000 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:37608  
 DS\_ID:17943  
 EP\_NO: 9396  
 FS\_HLM: 0.076  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.  
 FIELD\_STRUCT\_DESC: 1 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959  
 FS Date: 06/10/2014

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>281 (cont)</b>
LM End	<b>0.06</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6601.jpg



View of concrete structure visible on landward side.

Photo 3 of 3 : UCIP\_FA\_2015\_6602.jpg



Dense vegetation on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	0.06	Rating **	M	Issue No.	282
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.822919 °	38.822919 °
				-121.797046 °	-121.797046 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37609					
DS_ID:22386					
EP_NO: 9396					
FS_HLM: 0.077					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	<b>0.06</b>	Rating **	M	Issue No.	<b>282 (cont)</b>
LM End	<b>0.06</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_6603.jpg



Concrete structure located on waterward side.

Photo 2 of 3 : UCIP\_FA\_2015\_6604.jpg



View of concrete structure located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	0.06	Rating **	M	Issue No.	282 (cont)
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.822919 °	38.822919
				-121.797046 °	-121.797046
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37609					
DS_ID:22386					
EP_NO: 9396					
FS_HLM: 0.077					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6605.jpg



Dense vegetation covers the waterward slope.

LM Start	0.06	Rating **	M	Issue No.	283
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.822933 °	38.822933 °
				-121.797081 °	-121.797081 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37610					
DS_ID:22387					
EP_NO: 9396					
FS_HLM: 0.078					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon.					
FIELD_STRUCT_DESC: 3 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959					
FS Date: 06/10/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6743.jpg



Concrete structure located on waterward side.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	0.06	Rating **	M	Issue No.	283 (cont)	
LM End	0.06	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.822933 °	38.822933 °	
				-121.797081 °	-121.797081 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:37610 DS_ID:22387 EP_NO: 9396 FS_HLM: 0.078 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. FIELD_STRUCT_DESC: 3 of 5. Five 72-inch abandoned pipes or culvert through levee 31.6 feet below crown. Slide gates on both ends. (App. 9736-RD 108) Ramp on landward slope. (App.9396-RD). O&M Manual SAC 132; October 1959 FS Date: 06/10/2014						

Photo 2 of 3 : UCIP\_FA\_2015\_6744.jpg



Concrete structure located on landward side.

Photo 3 of 3 : UCIP\_FA\_2015\_6745.jpg



Dense vegetation covers waterward side slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	0.07	Rating **	M	Issue No.	284
LM End	0.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.822954 °	38.822954 °
				-121.797135 °	-121.797135 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37607					
DS_ID:22389					
EP_NO: 9396					
FS_HLM: 0.08					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>284 (cont)</b>
LM End	<b>0.07</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_6571.jpg



Concrete structure located on waterward side.

Photo 2 of 3 : UCIP\_FA\_2015\_6598.jpg



Concrete structure located on landward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	0.07	Rating **	M	Issue No.	284 (cont)
LM End	0.07	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.822954 °	38.822954
				-121.797135 °	-121.797135
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37607					
DS_ID:22389					
EP_NO: 9396					
FS_HLM: 0.08					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6599.jpg



Waterward slope covered by dense vegetation.

LM Start	2.91	Rating **	M	Issue No.	285
LM End	2.91	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.838696 °	38.838696 °
				-121.845843 °	-121.845843 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39707					
DS_ID:24875					
EP_NO: N/A					
FS_HLM: 2.92					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No signs of pipe visible--need to contact owner to obtain permit number authorizing work. If crossing is no longer used by owner, the owner will need to coordinate with DWR Inspector and CVFPB to remove crossing according to Title 23 requirements. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.					
FIELD_STRUCT_DESC: Corrugated Metal (CM) pipe riser located on waterward side. Riser is filled with trash and deris. Unable to determine if crossing exists at this location.					
FS Date: 03/18/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6126.jpg



View of waterward slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	2.91	Rating **	M	Issue No.	285 (cont)	
LM End	2.91	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.838696 °	38.838696 °	
				-121.845843 °	-121.845843 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:39707						
DS_ID:24875						
EP_NO: N/A						
FS_HLM: 2.92						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: No signs of pipe visible--need to contact owner to obtain permit number authorizing work. If crossing is no longer used by owner, the owner will need to coordinate with DWR Inspector and CVFPB to remove crossing according to Title 23 requirements. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure.						
FIELD_STRUCT_DESC: Corrugated Metal (CM) pipe riser located on waterward side. Riser is filled with trash and deris. Unable to determine if crossing exists at this location.						
FS Date: 03/18/2014						

LM Start	<b>2.91</b>	Rating **	M	Issue No.	<b>285 (cont)</b>
LM End	<b>2.91</b>	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP\_FA\_2015\_6127.jpg



CMP riser located on waterward toe--2/3 filled with soil and trash.

Photo 3 of 3 : UCIP\_FA\_2015\_6128.jpg



View of waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	3.65	Rating **	M	Issue No.	23
LM End	3.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.842620 °	38.842620 °
				-121.858732 °	-121.858732 °
DWR ID	DWR_RD0108_01_f_2015_23				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_RD0108\_203\_23\_20151001\_00011.jpg



View of the debris on the waterward side of the levee. Fall 2015.

LM Start	4.17	Rating **	M	Issue No.	24
LM End	4.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.843708 °	38.843708 °
				-121.868215 °	-121.868215 °
DWR ID	DWR_RD0108_01_f_2015_24				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

Photo 1 of 1 : FA\_2015\_RD0108\_203\_24\_20151001\_00012.jpg



View of the depression on the crown of the levee looking upstream. Fall 2015.

LM Start	5.19	Rating **	A/W	Issue No.	10
LM End	5.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.846086 °	38.846086 °
				-121.886834 °	-121.886834 °
DWR ID	DWR_RD0108_01_s_2014_10				
Action/Comments					
Trees / Woody Vegetation					
Inspector Comments: Tree at the toe is dying.					

Photo 1 of 2 : FA\_2015\_RD0108\_203\_10\_20150914\_00005.jpg



Tree limbs are along the toe of the levee. Tree is slowing dying and could be a hazard to the levee. Spring 2014

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	5.19	Rating **	A/W	Issue No.	10 (cont)
LM End	5.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.846086 °	38.846086 °
				-121.886834 °	-121.886834 °
DWR ID	DWR_RD0108_01_s _ 2014_10				
Action/Comments					
Trees / Woody Vegetation					
Inspector Comments: Tree at the toe is dying.					

Photo 2 of 2 : FA\_2015\_RD0108\_203\_10\_20151001\_00013.jpg



Tree limbs have been removed but suggest monitoring the dying tree.  
Fall 2015.

LM Start	8.27	Rating **	A/W	Issue No.	26
LM End	8.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.882595 °	38.882595 °
				-121.914669 °	-121.914669 °
DWR ID	DWR_RD0108_01_f _ 2015_26				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

Photo 1 of 1 : FA\_2015\_RD0108\_203\_26\_20151001\_00014.jpg



View of the crack on the waterward side of the levee looking upstream.  
Suggest monitoring the crack. Fall 2015.

LM Start	8.98	Rating **	M	Issue No.	27
LM End	8.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.892888 °	38.892888 °
				-121.914642 °	-121.914642 °
DWR ID	DWR_RD0108_01_f _ 2015_27				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_RD0108\_203\_27\_20151001\_00015.jpg



View of the debris on the waterward side of the levee. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	9.29	Rating **	A/W	Issue No.	279
LM End	9.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.897452 °	38.897452 °
				-121.914680 °	-121.914680 °
DWR ID	DWR_RD0108_01_f_2013_279				
Action/Comments					
Repair slope instability.					

Photo 1 of 2 : FA\_2015\_RD0108\_203\_279\_20150914\_00007.jpg



The cracking runs in a horseshoe pattern on the levee slope. Fall 2013

LM Start	<b>9.29</b>	Rating **	A/W	Issue No.	<b>279 (cont)</b>
LM End	<b>9.29</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_RD0108\_203\_279\_20150914\_00008.jpg



Slope stability with cracking 1-2 inches open and 12 inches deep. The district is monitoring the site. Fall 2013

LM Start	11.24	Rating **	M	Issue No.	286
LM End	11.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.925662 °	38.925662 °
				-121.914303 °	-121.914303 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39717 DS_ID:24876 EP_NO: N/A FS_HLM: 11.22 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 4 : UCIP\_FA\_2015\_6216.jpg



Marker visible on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	11.24	Rating **	M	Issue No.	286 (cont)	
LM End	11.24	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.925662 °	38.925662 °	
				-121.914303 °	-121.914303 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:39717 DS_ID:24876 EP_NO: N/A FS_HLM: 11.22 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine additional details of crossing. FIELD_STRUCT_DESC: Natural gas line with markers on both side slightly angled through levee. Gas station located across canal on landward side. FS Date: 03/18/2014						

Photo 2 of 4 : UCIP\_FA\_2015\_6217.jpg



Owner contact information listed on marker.

Photo 3 of 4 : UCIP\_FA\_2015\_6218.jpg



View of marker visible on shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	11.24	Rating **	M	Issue No.	286 (cont)
LM End	11.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.925662 °	38.925662
				-121.914303 °	-121.914303
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39717					
DS_ID:24876					
EP_NO: N/A					
FS_HLM: 11.22					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 4 of 4 : UCIP\_FA\_2015\_6219.jpg



Waterward side marker indicating natural gas pipeline.

LM Start	11.64	Rating **	M	Issue No.	28
LM End	11.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.930980 °	38.930980 °
				-121.911489 °	-121.911489 °
DWR ID	DWR_RD0108_01_f_2015_28				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_RD0108\_203\_28\_20151001\_00016.jpg



View of the animal hole on the waterward side of the levee looking upstream. Fall 2015.

LM Start	14.49	Rating **	C	Issue No.	12
LM End	14.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.967243 °	38.967243 °
				-121.923407 °	-121.923407 °
DWR ID	DWR_RD0108_01_s_2014_12				
Action/Comments					
Schedule repair of subsidence prior to the next inspection.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	14.94	Rating **	M	Issue No.	287
LM End	14.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.971607 °	38.971607 °
				-121.929499 °	-121.929499 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37623 DS_ID:17942 EP_NO: 3800 FS_HLM: 14.9 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner--marker missing on waterward side. FIELD_STRUCT_DESC: 20-inch concrete encased gas line through levee, 3.0 feet below the crown. Crossing appears to be angled through levee (App. 3800-PG&E) Small rock revetment on the waterward slope. (unable to locate) Gas well approximately 1,000 feet from landward toe. FS Date: 06/10/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_6749.jpg



View of waterward side. No marker visible on waterward side.

Photo 2 of 3 : UCIP\_FA\_2015\_6750.jpg



Contact information for gas line going through levee.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	14.94	Rating **	M	Issue No.	287 (cont)
LM End	14.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.971607 °	38.971607 °
				-121.929499 °	-121.929499 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:37623					
DS_ID:17942					
EP_NO: 3800					
FS_HLM: 14.9					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP\_FA\_2015\_6751.jpg



Marker visible on landward side.

LM Start	18.24	Rating **	M	Issue No.	29
LM End	18.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.005766 °	39.005766 °
				-121.972346 °	-121.972346 °
DWR ID	DWR_RD0108_01_f_2015_29				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_RD0108\_203\_29\_20151001\_00017.jpg



View of the animal hole on the waterward side of the levee looking upstream. Fall 2015.

LM Start	18.93	Rating **	M	Issue No.	6
LM End	19.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.013245 °	39.021302 °
				-121.980795 °	-121.988557 °
DWR ID	DWR_RD0108_01_s_2012_6				
Action/Comments					
Ditch					

Photo 1 of 2 : FA\_2015\_RD0108\_203\_6\_20150914\_00003.jpg



Agricultural ditch along toe of landside. Photo taken fall 2011.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	18.93	Rating **	M	Issue No.	6 (cont)	
LM End	19.64	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			39.013245 °		39.021302 °
				-121.980795 °		-121.988557 °
DWR ID	DWR_RD0108_01_s _ 2012_6					
Action/Comments						
Ditch						

Photo 2 of 2 : FA\_2015\_RD0108\_203\_6\_20150914\_00004.jpg



Agricultural ditch

LM Start	19.14	Rating **	M	Issue No.	32
LM End	19.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.015522 °	39.015522 °
				-121.983618 °	-121.983618 °
DWR ID	DWR_RD0108_01_f _ 2015_32				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	19.15	Rating **	M	Issue No.	19
LM End	19.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.015634 °	39.015634 °
				-121.983757 °	-121.983757 °
DWR ID	DWR_RD0108_01_s _ 2015_19				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	09/24/2015 09/24/2015	Jai Lor

LM Start	19.27	Rating **	M	Issue No.	1
LM End	19.35	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.016727 °	39.017516 °
				-121.985411 °	-121.986374 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Toe scour at the bottom of a steep bank, large sections of the toe are sliding down. Erosion may be due to the upstream bend. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: CBD_19-2_L]					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**Reclamation District No. 0108 River Farms**

Waterway			Bank	Unit Miles
Unit No. 02 Castle Properties			Right	0.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	04/20/2015 - 04/20/2015		10/29/2015 - 10/29/2015	
DWR Inspector	Jai Lor		Jai Lor	
Accompanied By				

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	10/29/2015 10/29/2015	Jai Lor

LM Start	0.01	Rating **	A	Issue No.	2
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.796267 °	38.799003 °
				-121.727812 °	-121.724500 °
DWR ID	DWR_RD0108_02_f_2015_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation on slope has been maintained.					

Photo 1 of 1 : FA\_2015\_RD0108\_590\_2\_20151103\_00005.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	0.01	Rating **	A	Issue No.	1
LM End	0.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.796267 °	38.799003 °
				-121.727812 °	-121.724495 °
DWR ID	DWR_RD0108_02_f_2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Slope has been maintained.					

Photo 1 of 1 : FA\_2015\_RD0108\_590\_1\_20151103\_00004.jpg



View of the vegetation on the waterward side of the levee looking downstream. Fall 2015.

LM Start	0.02	Rating **	M	Issue No.	6
LM End	0.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.796335 °	38.796335 °
				-121.727717 °	-121.727717 °
DWR ID	DWR_RD0108_02_f_2015_6				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_RD0108\_590\_6\_20151103\_00006.jpg



View of the rodent hole on the waterward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	10/29/2015 10/29/2015	Jai Lor

LM Start	0.12	Rating **	M	Issue No.	7
LM End	0.12	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.797443 °	38.797443 °
				-121.726395 °	-121.726395 °
DWR ID	DWR_RD0108_02_f_2015_7				
Action/Comments					
Debris					

Photo 1 of 1 : FA\_2015\_RD0108\_590\_7\_20151103\_00007.jpg



View of debris at the toe of the waterward side of the levee. Fall 2015.

LM Start	0.14	Rating **	A/W	Issue No.	8
LM End	0.15	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.797632 °	38.797760 °
				-121.726162 °	-121.726070 °
DWR ID	DWR_RD0108_02_f_2015_8				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

Photo 1 of 1 : FA\_2015\_RD0108\_590\_8\_20151103\_00008.jpg



View of the crack on the crown of the levee looking downstream. Fall 2015.

LM Start	0.17	Rating **	C	Issue No.	5
LM End	0.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.797922 °	38.797922 °
				-121.725865 °	-121.725865 °
DWR ID	DWR_RD0108_02_s_2015_5				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	10/29/2015 10/29/2015	Jai Lor

LM Start	0.19	Rating **	C	Issue No.	4
LM End	0.19	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.798196 °	38.798196 °
				-121.725660 °	-121.725660 °
DWR ID	DWR_RD0108_02_f_2012_4				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.20	Rating **	M	Issue No.	9
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.798280 °	38.798280 °
				-121.725565 °	-121.725565 °
DWR ID	DWR_RD0108_02_f_2015_9				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.23	Rating **	M	Issue No.	10
LM End	0.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.798600 °	38.798600 °
				-121.725055 °	-121.725055 °
DWR ID	DWR_RD0108_02_f_2015_10				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_RD0108\_590\_10\_20151103\_00009.jpg



View of the rodent hole on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0108 River Farms**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	10/29/2015 10/29/2015	Jai Lor

LM Start	0.27	Rating **	C	Issue No.	3
LM End	0.27	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.798992 °	38.798992 °
				-121.724643 °	-121.724643 °
DWR ID	DWR_RD0108_02_s _ 2013_3				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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